Multiple Representations of Portions Review

Example 1: **Name the given portion as a fraction and as a percent. 0.3**

Solution: The digit 3 is in the tenths place so 0.3 = three-tenths = $\frac{3}{10}$. On a diagram or a hundreds grid, 3 parts out of 10 is equivalent to 30 parts out of 100 so $\frac{3}{10} = \frac{30}{100}$ = 30%.

Example 2: Name the given portion as a fraction and as a decimal. 35%

Solution: 35% = $\frac{35}{100}$ = thirty-five-hundredths = 0.35; $\frac{35}{100} = \frac{7}{20}$

Now try out your skills. For each portion of a whole, write it as a percent, fraction, and a decimal.

1. 6%

2. 0.35

3. $\frac{1}{4}$

4. $\frac{2}{5}$

5. 0.16

6. 87%

7. $\frac{13}{25}$

8. 21%

9. $\frac{7}{50}$

10. 0.050